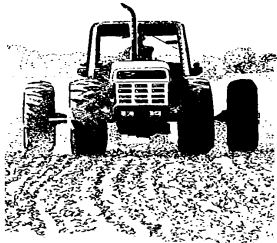


TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



Released Weekly April - November

2005 Weather Crop 31

Issued 3:00 P.M. 10/31/2005

Week Ending October 30, 2005

DRY! DRY! DRY!

Tennessee farmers last week were greeted with the third consecutive week of virtually rain free conditions. This weather pattern has provided some of the best row crop harvest conditions in recent history. The harvest pace for cotton and soybeans is currently averaging two to three weeks ahead of normal. On the negative side, with the lack of rain, forages and wheat are in dire need of moisture. Tobacco producers could also use moisture to bring their crop into case. There were 7 days considered suitable for fieldwork. As of Friday, topsoil moisture levels were rated 31 percent very short, 48 percent short, and 21 percent adequate. Subsoil moisture levels were rated 24 percent very short, 45 percent short, and 31 percent adequate. Temperatures averaged below normal across the State, bringing the first freeze of the year to many portions of Tennessee. Once again, rainfall averaged below normal with many locations recording little to no rain last week. Some weather stations have recorded less than a tenth of an inch for the entire month of October.

| CROP PROGRESS: Through October 30, 2005 | | | | | CONDITION: On October 28, 2005 | | | | | |
|---|-----------|-----------|------|----------------|--------------------------------|-----------|------|------|------|-----|
| Crop | This Week | Last Week | 2004 | Five Year Avg. | Item | Very Poor | Poor | Fair | Good | Exc |
| Percent | | | | | Percent | | | | | |
| Soybeans - Harvested | 83 | 73 | 48 | 55 | Pastures | 19 | 24 | 37 | 20 | 0 |
| Cotton Harvested | 82 | 66 | 50 | 67 | | | | | | |
| Winter Wheat Seeded | 65 | 50 | 27 | 49 | | | | | | |
| Winter Wheat Emerged | 28 | 13 | 18 | 21 | | | | | | |
| Burley Tobacco Stripped | 46 | 41 | 50 | 44 | | | | | | |

COTTON: Cotton producers made excellent progress last week, harvesting almost an additional fifth of their acreage. Harvest progress is outpacing the 5-year average by two weeks.

SOYBEANS: Cool temperatures and dry weather provided ideal conditions for soybean harvest. Harvest continued to outpace last year and the 5-year average by over three weeks.

TOBACCO: As of Sunday, growers had stripped almost half of their burley crop. Rain is needed to bring the crop into case.

WINTER WHEAT: Wheat seeding is currently in progress, well ahead of last year and the 5-year average, but will likely slow down until moisture is received. Almost two-thirds of the acreage has been seeded with over a fourth emerged. The crop needs rain to promote good germination.

PASTURES & HAY: Pastures are in need of rain and continue to deteriorate. A number of livestock producers are already feeding hay and some are having water problems as ponds are drying up.

County Agent Quotes

- “Dry! Dry! Dry! Harvest is almost complete for all crops. Not expecting much wheat acreage again this year.”

Tim Campbell, Dyer County
- “This fall has been the best harvest season anyone can remember! Cotton harvest will wind up sooner than ever before; however, no wheat will emerge until we get a shower and pastures badly need a drink.”

Tracey Sullivan, Haywood County
- “Most beef producers have started feeding hay due to drought conditions. Double crop beans are turning out better than expected.”

John Bartee, Montgomery County
- “Giles County received no rainfall this week. The first killing frost was Tuesday, October 25th.”

Kevin Rose, Giles County

TEMPERATURES AND PRECIPITATION

For week ending: October 30th, 2005 (with comparisons)

| LOCATION | TEMPERATURE | | | | PRECIPITATION | | | | GDD BASE 60F | |
|-----------------|---------------------------------|----|-----|-----|-----------------|------|--------------------|----------------|---------------|-------|
| | Week Ending October 30, 2005 | | | | Current Week | Rain | Current | Departure | Since April 1 | |
| | HI | LO | AVG | DFN | 10/30/05 | Days | Since January 1 | From Normal | | |
| Ames_Plantation | 66 | 29 | 46 | -11 | 0.00 | 0 | 43.91 | +1.74 | 2801 | +343 |
| Tri-City_RGNL_A | 64 | 27 | 44 | -9 | 0.13 | 2 | 32.38 | -1.93 | 2004 | +327 |
| Brownsville_TN | 64 | 32 | 47 | -11 | 0.00 | 0 | 41.11 | -0.93 | 2892 | +726 |
| Chattanooga/Lov | 71 | 31 | 49 | -8 | 0.00 | 0 | 38.86 | -4.70 | 2759 | +386 |
| Clarksville_Sew | 69 | 29 | 47 | -8 | 0.00 | 0 | 36.65 | -4.17 | 2696 | +498 |
| Cookeville | 63 | 27 | 44 | -11 | 0.00 | 0 | 34.36 | -11.94 | 2167 | +819 |
| Covington | 64 | 32 | 47 | -10 | 0.00 | 0 | 40.71 | -0.55 | 2670 | +165 |
| Crossville_AP | 64 | 29 | 42 | -11 | 0.02 | 1 | 37.84 | -7.38 | 1928 | +397 |
| Dickson_AG | 70 | 28 | 45 | -11 | 0.01 | 1 | 40.53 | -2.94 | 2244 | -31 |
| Dover_1W | 59 | 30 | 45 | -10 | 0.06 | 1 | 37.97 | -4.62 | 2469 | +514 |
| Dyersburg | 63 | 30 | 47 | -11 | 0.00 | 0 | 36.89 | -3.32 | 2880 | +216 |
| Erwin_1W | 67 | 28 | 44 | -8 | 0.09 | 2 | 35.53 | -5.56 | 1882 | -104 |
| Huntingdon_Wate | 60 | 30 | 45 | -11 | 0.00 | 0 | 40.19 | -3.02 | 2567 | +501 |
| Jackson_Exp_Stn | 64 | 30 | 46 | -11 | 0.02 | 1 | 45.04 | +2.91 | 2747 | +347 |
| Kingston_AG | 65 | 33 | 46 | -7 | 0.00 | 0 | 41.60 | -5.95 | 2263 | +474 |
| Knoxville_AP | 68 | 31 | 46 | -9 | 0.09 | 3 | 31.89 | -6.86 | 2531 | +503 |
| Lewisburg | 68 | 25 | 45 | -11 | 0.00 | 0 | 41.06 | -3.60 | 2354 | +318 |
| Lexington_TN | 63 | 30 | 45 | -12 | 0.00 | 0 | 39.67 | -1.47 | 2561 | +1124 |
| Linden | 61 | 27 | 45 | -10 | 0.00 | 0 | 37.46 | -7.04 | 2482 | +423 |
| Martin | 63 | 30 | 46 | -10 | 0.00 | 0 | 38.13 | -4.68 | 2634 | +350 |
| Mc_Minnville_Tn | 72 | 27 | 46 | -10 | 0.00 | 0 | 33.08 | -10.50 | 2465 | -94 |
| Memphis_AG | 67 | 32 | 47 | -12 | 0.00 | 0 | 41.09 | -0.05 | 2957 | -38 |
| Milan | 64 | 26 | 44 | -11 | 0.01 | 1 | 43.22 | -0.62 | 2505 | +278 |
| Murfreesboro_5N | 65 | 27 | 44 | -11 | 0.00 | 0 | 36.20 | -7.35 | 2540 | -22 |
| Nashville_Metro | 62 | 30 | 47 | -11 | 0.00 | 0 | 33.56 | -4.91 | 2833 | +408 |
| Newcomb | 64 | 26 | 42 | -9 | 0.11 | 2 | 40.26 | -5.03 | 2063 | +630 |
| Oneida | 63 | 28 | 43 | -9 | 0.16 | 3 | 36.10 | -9.19 | 2063 | -109 |
| Pikeville | 67 | 31 | 46 | -10 | 0.00 | 0 | 31.79 | -11.53 | 2344 | +370 |
| Portland_TN | 61 | 28 | 45 | -10 | 0.00 | 0 | 43.63 | +1.88 | 2470 | +481 |
| Pulaski_Water_P | 66 | 29 | 45 | -13 | 0.00 | 0 | 43.52 | -1.14 | 2366 | -31 |
| Savannah_6SW | 64 | 29 | 47 | -12 | 0.00 | 0 | 45.47 | +0.05 | 2561 | +434 |
| Sparta_TN | 72 | 25 | 44 | -10 | 0.03 | 2 | 34.99 | -9.94 | 2432 | +712 |
| Springfield | 61 | 28 | 44 | -11 | 0.01 | 1 | 37.48 | -2.64 | 2388 | +398 |
| Springhill | 65 | 27 | 45 | -10 | 0.00 | 0 | 40.75 | -3.73 | 2503 | +478 |
| Union_City | 64 | 29 | 45 | -10 | 0.00 | 0 | 39.57 | -2.37 | 2440 | +240 |
| Waynesboro_TN | 64 | 28 | 44 | -10 | 0.00 | 0 | 38.82 | -7.60 | 2442 | +154 |

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.
Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
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